

2-[2-(SUBSTITUTEDAMINO)BENZYLTHIO]-5,6,7,8-TETRAHYDRO-4(3H)-QUINAZOLINONE DERIVATIVE

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Abstract

PURPOSE: To provide a new compound useful as a resisting agent for a peptic ulcer, having both suppressing Activity for gastric acid secretion and protecting activity for the gastric mucous membrane, expressing excellent pharmacological effect for a gastric ulcer model and a duodenal ulcer model and having low toxicity.

CONSTITUTION: A compound of the formula I (R<1> is H, a lower alkyl, hydroxyalkyl, lower alkoxy carbonylmethyl, phenyl or benzyl; R<2> is H or a lower alkyl; R<3> and R<4> are each H, a lower alkyl, lower alkoxy carbonylmethyl, or form piperidino or morpholino together with bonded N; R<5> and R<6> are each H or a lower alkoxy) or its pharmacologically permissible salt. E.g. 2-[2-(N,N-dimethylamino)benzylthio]-5,6,7,8-tetrahydro-4(3H)-quinazoline. The compound can be obtained by reacting a compound of the formula II with a compound of the formula III to S-benzylate in the presence of a base.